

Calibration with Machine Learning in Astronomy

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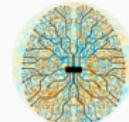
Machine Learning for Astronomy 2024

14 November 2023

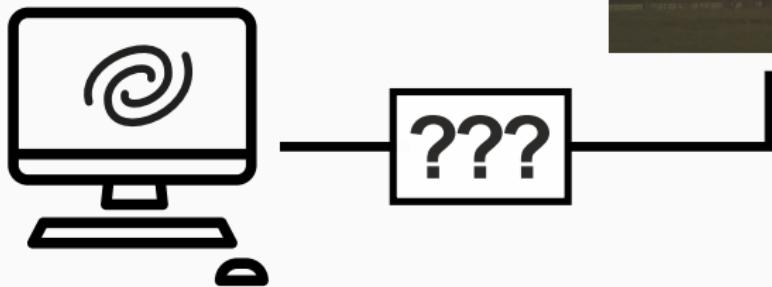
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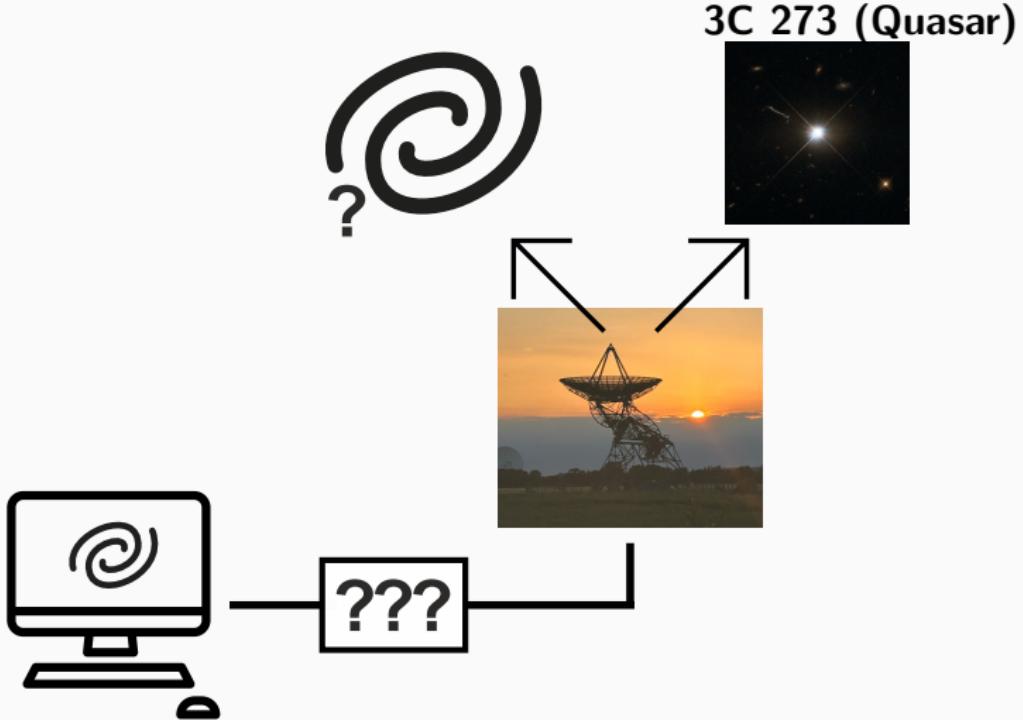
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What is calibration in Astronomy?

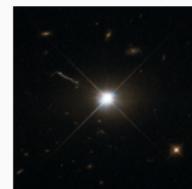


How to calibrate?



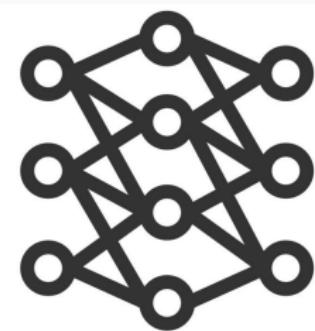
Why is machine learning helpful?

Train

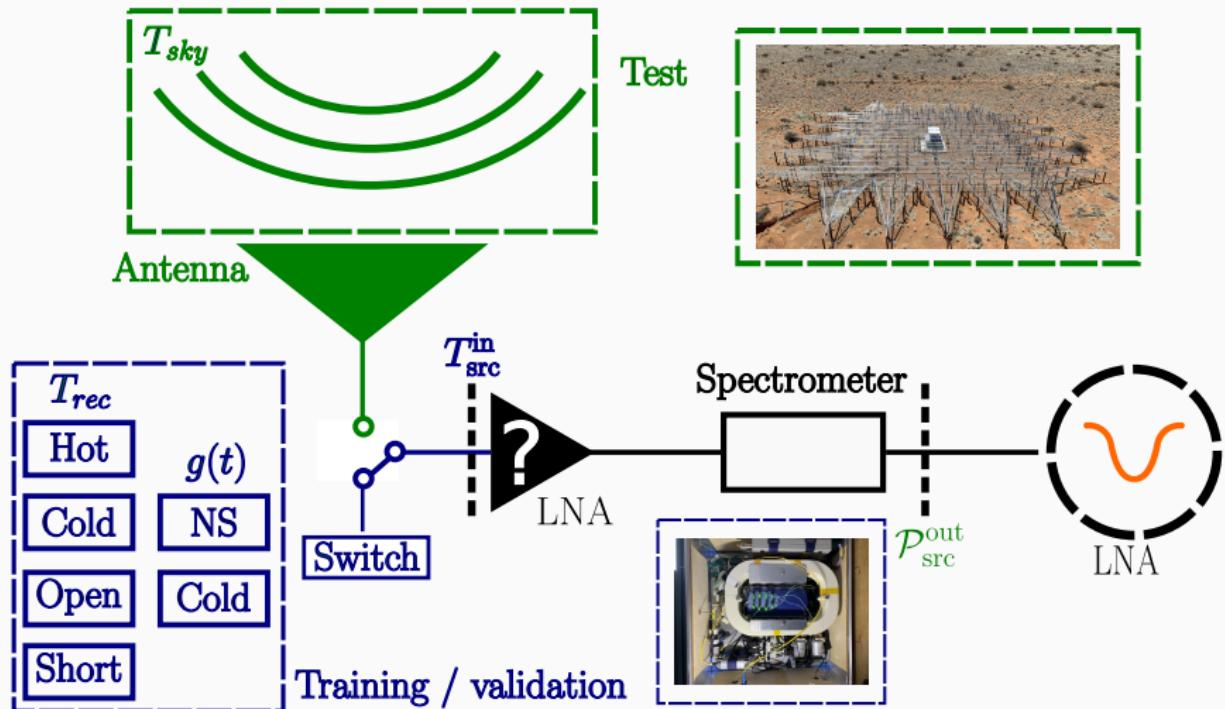


Predict

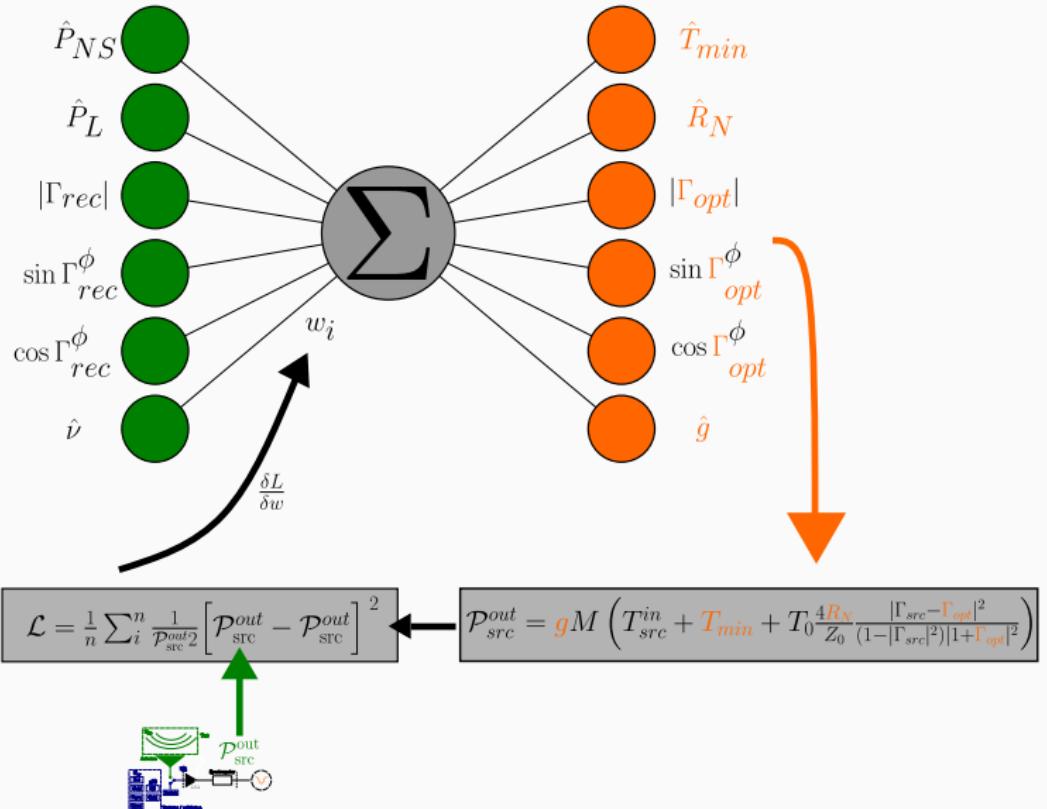
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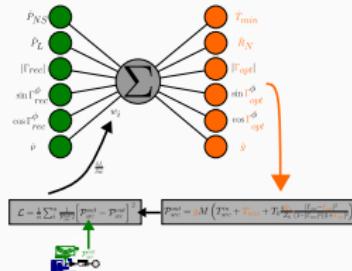
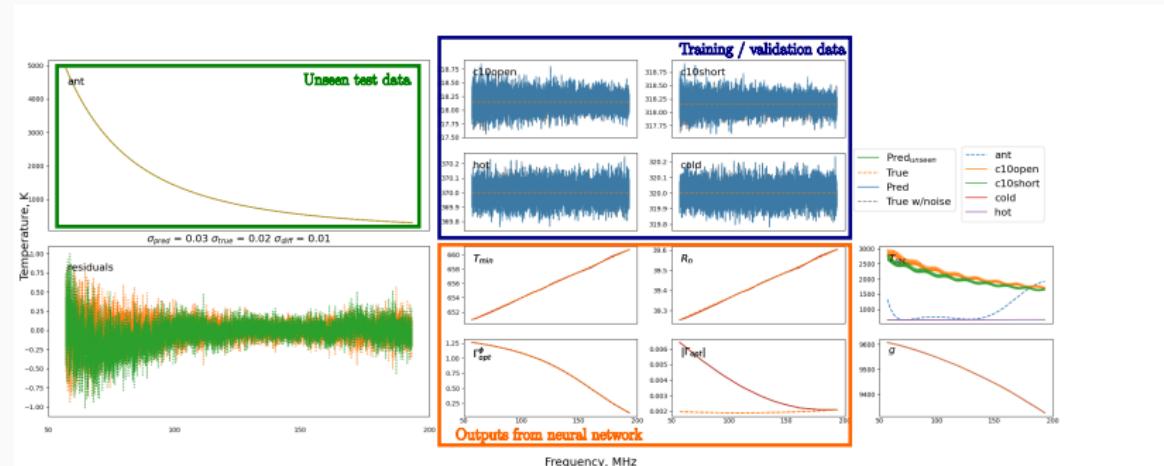
Machine learning for radiometer calibration in global 21cm cosmology



Machine learning for radiometer calibration in global 21cm cosmology



Machine learning for radiometer calibration in global 21cm cosmology



Thank you!



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